



# Product Data Sheet

## Belden GMTTA02 2F Single Mode Tactical Cable

### Description



Belden GMTT Tactical fibre cables are designed for repeated deployment and recovery in harsh environments, for Outside Broadcast, Touring and Military applications.

These cables consist of tight buffered fibre cores with water blocking aramid yarn and PUR jacket. The construction protects the fibres from impact, abrasion and longitudinal tension from repeated deployment, the bonded core layup and flexible PUR jacket ensure the cable lays flat once deployed.

These cables are suited to Outside Broadcast, Touring and Military applications. Available in fiber count from 2 - 24. Argosy offers these cables terminated as per requirement.

Product	SKU
BELDEN GMTTA02 2F SINGLE MODE TACTICAL CABLE	JC-00-1002



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### Technical Specification

Belden GMTTA02 Specification	
Fiber Cable Construction	Ripcord: Yes
Fiber Type: OS2	Optical Characteristics
Fiber Grade acc. ITU-T: G.652D & G.657A1	Max. Attenuation at 1310 nm: 0.40 dB/km
Fiber Count: 2	Max. Attenuation at 1550 nm: 0.30 dB/km
Fiber Color Coding: TIA coding (Gxxxxxx.T): Blue, Orange	Max. Attenuation at 1625 nm: 0.30 dB/km
Fiber Color Coding 2: Europe coding (Gxxxxxx.O): Red, Natural	Mechanical Tests
Buffer Specification	Cable Min. Bend Radius Installation (Short Term): 43.2 mm
Fiber Type: OS2	Cable Min. Bend Radius Operation (Long Term): 21.6 mm
Buffer Construction: Tight	Cable Max. Tensile Strength Installation (Short Term): 400 N (90 lbf)
Buffer Material: Nylon	Cable Max. Crush Resistance Installation (Short Term): 5 kN/m
Buffer Diameter: 0.9 mm	Cable Max. Crush Resistance Operation (Long Term): 3 kN/m
Cable Core Water Tight: Yes	Temperature Range
Cable Core Waterblocking: Waterblocking Aramid Yarns	Operating Temperature Range: -70 °C to +85 °C
Bulk Cable Weight: 27 kg/km	Installation Temperature Range: -5 °C to +50 °C
Jacket Specifications	Storage Temperature Range: -70 °C to +85 °C
Number of Jackets: Single Jacket	Standards
Type of Armor: Non-Armored	UL Rating/Flame Test: Non-UL Rated
Outer Jacket Specifications	REACH: Compliant
Material: PUR - Polyurethane	ISO/IEC Compliance: IEC 60794
Colour: Black	UV/Sunlight Protection: Yes
Nominal Diameter: 5.4 mm	